



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2008
Code: 11191318
SAU: Old Orchard Beach School Dept
School: Jameson Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 3

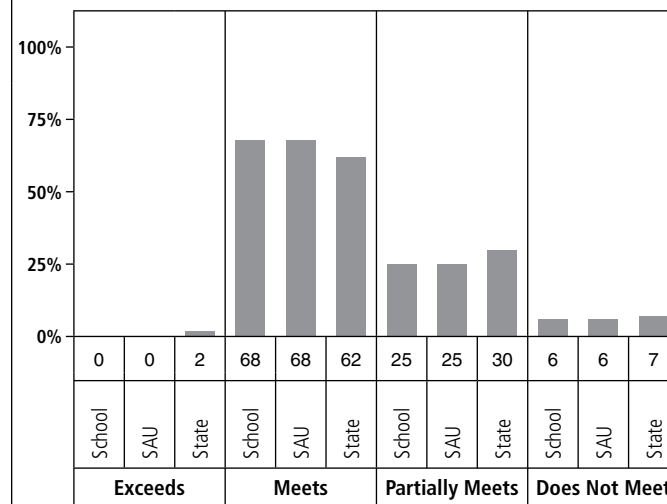
SAU: Old Orchard Beach School Dept

School: Jameson Elementary School

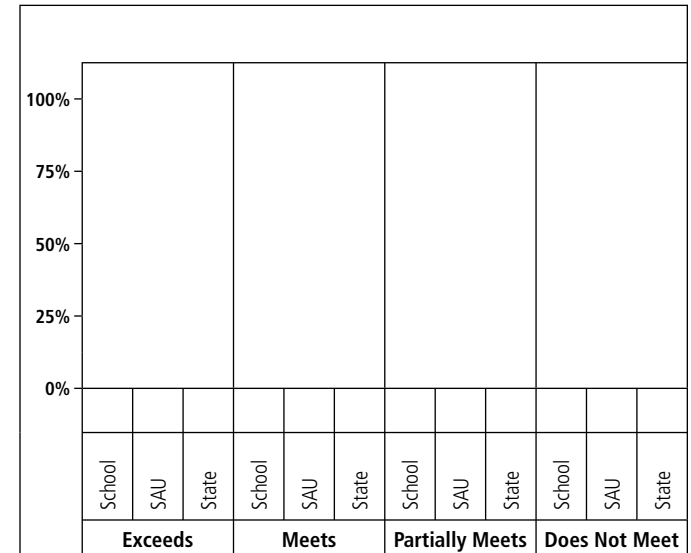
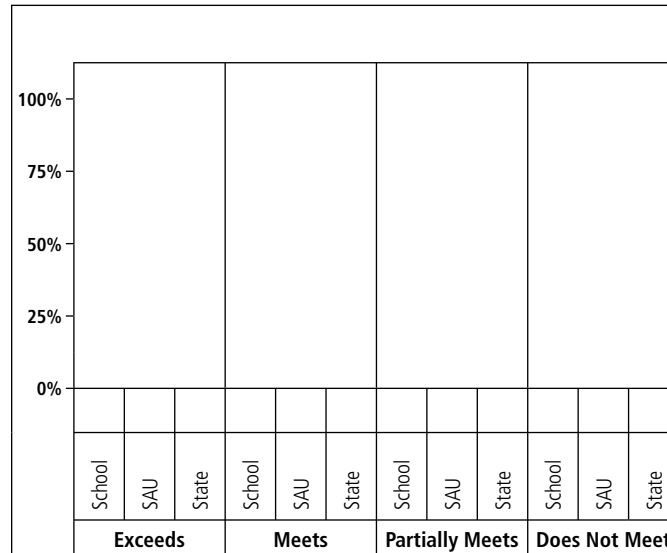
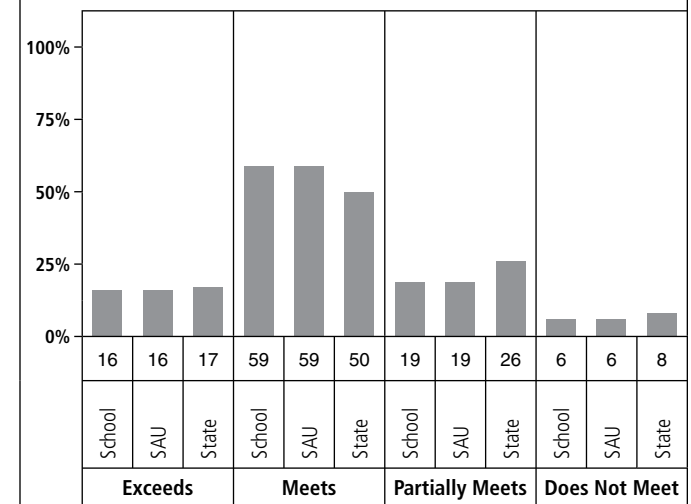
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	344	344	345
2006–2007	345	345	345
2007–2008	344	344	344
Cum. Avg. *	344	344	345
Mathematics			
2005–2006	346	346	344
2006–2007	347	347	347
2007–2008	349	349	347
Cum. Avg. *	347	347	346

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 3
 SAU: Old Orchard Beach School Dept
 School: Jameson Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	64	100	64	100	13803	100	64	100	64	100	13714	99	64	100	64	100	13710	99												
Ethnicity African American/Black	0	0	0	0	399	3	0	0	0	0	391	98	0	0	0	0	392	98												
American Indian or Native Alaskan	0	0	0	0	116	1	0	0	0	0	114	99	0	0	0	0	114	99												
Asian or Pacific Islander	2	3	2	3	210	2	2	100	2	100	205	98	2	100	2	100	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	62	97	62	97	12916	94	62	100	62	100	12846	100	62	100	62	100	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	16	25	16	25	2358	17	16	100	16	100	2333	99	16	100	16	100	2329	99												
Current LEP	1	2	1	2	371	3	1	100	1	100	357	96	1	100	1	100	361	98												
Economically disadvantaged	31	48	31	48	5584	40	31	100	31	100	5535	99	31	100	31	100	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	45	70	45	70	10650	77	45	70	45	70	10678	77												
Identified disability (PET/IEP)	2	4	2	4	475	4	2	4	2	4	479	4												
LEP	0	0	0	0	151	1	0	0	0	0	149	1												
504 plan	0	0	0	0	83	1	0	0	0	0	85	1												
Participation with accommodations	18	28	18	28	2936	21	18	28	18	28	2911	21												
Identified disability (PET/IEP)	13	72	13	72	1735	59	13	72	13	72	1729	59												
LEP	1	6	1	6	197	7	1	6	1	6	208	7												
504 plan	2	11	2	11	49	2	2	11	2	11	47	2												
Other	3	17	3	17	986	34	3	17	3	17	958	33												
Participation through alternate assessment (PAAP)	1	2	1	2	123	1	1	2	1	2	121	1												
Identified disability (PET/IEP)	1	100	1	100	123	100	1	100	1	100	121	100												
LEP	0	0	0	0	4	3	0	0	0	0	4	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	9	0	0	0	0	0	12	0												
Non-participation – other	0	0	0	0	80	1	0	0	0	0	81	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 3
SAU: Old Orchard Beach School Dept
School: Jameson Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	2	3	2	3	352	3
	2006-2007	1	2	1	2	332	2
	2007-2008	0	0	0	0	227	2
	Cum. Total*	3	2	3	2	911	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	41	64	42	65	8641	62
	2006-2007	39	67	39	67	8691	63
	2007-2008	43	68	43	68	8403	62
	Cum. Total*	123	66	124	67	25735	62
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	15	23	15	23	3671	27
	2006-2007	15	26	15	26	3781	27
	2007-2008	16	25	16	25	4018	30
	Cum. Total*	46	25	46	25	11470	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	6	9	6	9	1163	8
	2006-2007	3	5	3	5	1021	7
	2007-2008	4	6	4	6	938	7
	Cum. Total*	13	7	13	7	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	27.9	60.7	27.9	60.7	27.6	60.0
Literary Text	23	50	14.4	62.6	14.4	62.6	14.1	61.3
Informational Text	23	50	13.5	58.7	13.5	58.7	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: Old Orchard Beach School Dept
 School: Jameson Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	63	0	0	43	68	16	25	4	6	344	63	0	68	25	6	344	13586	2	62	30	7	344
Ethnicity																						
African American/Black	0										0						384	1	42	39	18	339
American Indian or Native Alaskan	0										0						113	2	50	42	5	343
Asian or Pacific Islander	2										2						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	61	0	0	42	69	16	26	3	5	345	61	0	69	26	5	345	12728	2	63	29	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	15	0	0	6	40	7	47	2	13	340	15	0	40	47	13	340	2210	0	32	48	20	338
No	48	0	0	37	77	9	19	2	4	346	48	0	77	19	4	346	11376	2	68	26	4	346
Current LEP																						
Yes	1										1						348	1	36	45	19	339
No	62	0	0	43	69	16	26	3	5	345	62	0	69	26	5	345	13238	2	63	29	7	344
Economically disadvantaged																						
Yes	30	0	0	21	70	7	23	2	7	344	30	0	70	23	7	344	5450	1	49	39	11	341
No	33	0	0	22	67	9	27	2	6	344	33	0	67	27	6	344	8136	2	71	23	4	346
Migrant																						
Yes	0										0						5	0	80	20	0	343
No	63	0	0	43	68	16	25	4	6	344	63	0	68	25	6	344	13581	2	62	30	7	344
Gender																						
Female	29	0	0	25	86	4	14	0	0	347	29	0	86	14	0	347	6567	3	65	27	5	345
Male	34	0	0	18	53	12	35	4	12	342	34	0	53	35	12	342	7019	1	59	32	8	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	5	0	0	2	40	1	20	2	40	336	5	0	40	20	40	336	2004	0	37	49	14	339
No	58	0	0	41	71	15	26	2	3	345	58	0	71	26	3	345	11582	2	66	26	6	345
Gifted/talented program																						
Yes	0										0						125	11	87	2	0	355
No	63	0	0	43	68	16	25	4	6	344	63	0	68	25	6	344	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 3
 SAU: Old Orchard Beach School Dept
 School: Jameson Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	1	100	0	0	0	0	344	2	0	100	0	0	344	6	0	43	39	18	340
B. less than one hour	83	0	0	35	67	13	25	4	8	344	83	0	67	25	8	344	79	2	65	28	5	345
C. one to two hours	14	0	0	7	78	2	22	0	0	346	14	0	78	22	0	346	12	2	60	31	7	344
D. more than two hours	2	0	0	0	0	1	100	0	0	336	2	0	0	100	0	336	3	0	32	44	24	338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	22	0	0	8	57	4	29	2	14	342	22	0	57	29	14	342	29	3	62	28	7	345
B. They match some of what I have learned.	56	0	0	26	74	8	23	1	3	346	56	0	74	23	3	346	48	2	67	27	4	345
C. They match just a little of what I have learned.	16	0	0	5	50	4	40	1	10	343	16	0	50	40	10	343	15	1	56	34	9	343
D. There is no match.	6	0	0	4	100	0	0	0	0	347	6	0	100	0	0	347	8	0	44	40	16	340
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	47	0	0	18	62	7	24	4	14	344	47	0	62	24	14	344	42	3	67	24	6	346
B. good	32	0	0	18	90	2	10	0	0	347	32	0	90	10	0	347	46	1	62	32	5	344
C. fair	21	0	0	7	54	6	46	0	0	342	21	0	54	46	0	342	10	0	48	42	10	341
D. poor	0										0						2	0	30	43	28	336
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	18	0	0	5	45	5	45	1	9	342	18	0	45	45	9	342	22	1	48	38	12	341
B. about the same as my regular schoolwork	46	0	0	23	82	4	14	1	4	346	46	0	82	14	4	346	57	2	68	26	4	346
C. easier than my regular schoolwork	36	0	0	14	64	6	27	2	9	344	36	0	64	27	9	344	21	1	61	30	8	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	18	0	0	5	45	4	36	2	18	340	18	0	45	36	18	340	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	48	0	0	23	79	5	17	1	3	345	48	0	79	17	3	345	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	34	0	0	14	67	6	29	1	5	345	34	0	67	29	5	345	29	3	69	23	6	346
How much time do you spend reading at home each day?																						
A. more than one hour	21	0	0	8	62	5	38	0	0	345	21	0	62	38	0	345	19	3	65	27	6	346
B. 20 minutes to an hour	41	0	0	20	77	6	23	0	0	346	41	0	77	23	0	346	47	2	68	25	5	346
C. less than 20 minutes	22	0	0	10	71	1	7	3	21	343	22	0	71	7	21	343	19	1	56	35	8	343
D. I rarely read at home.	16	0	0	5	50	4	40	1	10	343	16	0	50	40	10	343	14	0	47	40	12	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	40	0	0	17	68	6	24	2	8	344	40	0	68	24	8	344	28	1	56	33	9	343
B. six to ten pages	27	0	0	13	76	3	18	1	6	343	27	0	76	18	6	343	23	1	63	29	7	344
C. eleven or more pages	32	0	0	12	60	7	35	1	5	345	32	0	60	35	5	345	49	2	65	27	6	345
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 3
SAU: Old Orchard Beach School Dept
School: Jameson Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	5	8	5	8	1295	9
	2006-2007	8	14	8	14	1985	14
	2007-2008	10	16	10	16	2277	17
	Cum. Total*	23	12	23	12	5557	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	42	66	43	66	6852	49
	2006-2007	34	59	34	59	6990	51
	2007-2008	37	59	37	59	6764	50
	Cum. Total*	113	61	114	61	20606	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	9	14	9	14	4081	29
	2006-2007	11	19	11	19	3673	27
	2007-2008	12	19	12	19	3504	26
	Cum. Total*	32	17	32	17	11258	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	8	13	8	12	1638	12
	2006-2007	5	9	5	9	1193	9
	2007-2008	4	6	4	6	1044	8
	Cum. Total*	17	9	17	9	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	9.5	63.3	9.5	63.3	9.2	61.3
Cluster 2: Shape and Size	14	29	9.9	70.7	9.9	70.7	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	3.2	64.0	3.2	64.0	3.2	64.0
Cluster 4: Patterns	14	29	10.1	72.1	10.1	72.1	9.0	64.3

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: Old Orchard Beach School Dept
 School: Jameson Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	63	10	16	37	59	12	19	4	6	349	63	16	59	19	6	349	13589	17	50	26	8	347
Ethnicity																						
African American/Black	0										0						390	10	30	32	28	337
American Indian or Native Alaskan	0										0						113	7	45	38	10	342
Asian or Pacific Islander	2										2						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	61	9	15	37	61	11	18	4	7	349	61	15	61	18	7	349	12723	17	50	25	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	15	3	20	5	33	4	27	3	20	346	15	20	33	27	20	346	2208	6	35	37	21	338
No	48	7	15	32	67	8	17	1	2	351	48	15	67	17	2	351	11381	19	53	24	5	349
Current LEP																						
Yes	1										1						357	8	29	37	26	336
No	62	10	16	37	60	11	18	4	6	350	62	16	60	18	6	350	13232	17	50	25	7	348
Economically disadvantaged																						
Yes	30	5	17	19	63	5	17	1	3	351	30	17	63	17	3	351	5452	9	45	33	12	343
No	33	5	15	18	55	7	21	3	9	348	33	15	55	21	9	348	8137	22	53	21	4	350
Migrant																						
Yes	0										0						5	0	40	40	20	337
No	63	10	16	37	59	12	19	4	6	349	63	16	59	19	6	349	13584	17	50	26	8	347
Gender																						
Female	29	3	10	20	69	5	17	1	3	350	29	10	69	17	3	350	6565	15	49	27	8	347
Male	34	7	21	17	50	7	21	3	9	349	34	21	50	21	9	349	7024	18	50	24	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	5	0	0	2	40	2	40	1	20	339	5	0	40	40	20	339	2004	5	39	41	15	339
No	58	10	17	35	60	10	17	3	5	350	58	17	60	17	5	350	11585	19	52	23	6	349
Gifted/talented program																						
Yes	0										0						125	70	30	0	0	366
No	63	10	16	37	59	12	19	4	6	349	63	16	59	19	6	349	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 3
 SAU: Old Orchard Beach School Dept
 School: Jameson Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	1	100	0	0	0	0	348	2	0	100	0	0	348	6	9	40	33	18	340
B. less than one hour	83	8	15	31	60	9	17	4	8	350	83	15	60	17	8	350	79	18	52	24	6	348
C. one to two hours	14	2	22	5	56	2	22	0	0	350	14	22	56	22	0	350	12	16	48	27	8	347
D. more than two hours	2	0	0	0	0	1	100	0	0	334	2	0	0	100	0	334	3	7	26	37	29	335
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	34	7	33	9	43	3	14	2	10	354	34	33	43	14	10	354	37	22	50	22	6	350
B. They match some of what I have learned.	46	3	11	16	57	7	25	2	7	346	46	11	57	25	7	346	46	16	53	25	6	348
C. They match just a little of what I have learned.	18	0	0	9	82	2	18	0	0	349	18	0	82	18	0	349	12	9	44	36	11	342
D. There is no match.	2	0	0	1	100	0	0	0	0	354	2	0	100	0	0	354	5	5	32	36	27	336
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	38	7	30	11	48	2	9	3	13	354	38	30	48	9	13	354	39	25	48	20	7	350
B. good	46	2	7	19	68	6	21	1	4	347	46	7	68	21	4	347	46	14	52	27	7	347
C. fair	15	1	11	4	44	4	44	0	0	345	15	11	44	44	0	345	12	8	49	35	9	343
D. poor	2	0	0	1	100	0	0	0	0	354	2	0	100	0	0	354	3	2	34	36	29	335
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	8	0	0	2	40	1	20	2	40	336	8	0	40	20	40	336	17	7	41	35	17	340
B. about the same as my regular schoolwork	61	5	13	23	61	8	21	2	5	348	61	13	61	21	5	348	59	18	53	24	5	349
C. easier than my regular schoolwork	31	5	26	11	58	3	16	0	0	356	31	26	58	16	0	356	25	21	49	23	8	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	33	1	5	10	48	8	38	2	10	343	33	5	48	38	10	343	32	13	47	30	10	345
B. two or three days a week	21	1	8	7	54	3	23	2	15	344	21	8	54	23	15	344	30	20	52	23	5	349
C. two or three times each month	16	4	40	6	60	0	0	0	0	361	16	40	60	0	0	361	19	20	53	21	6	350
D. never or almost never	30	4	21	14	74	1	5	0	0	355	30	21	74	5	0	355	18	16	50	27	8	347
How often do you use calculators in mathematics class?																						
A. almost every day	3	0	0	1	50	1	50	0	0	340	3	0	50	50	0	340	7	5	34	40	20	338
B. two or three days a week	8	2	40	1	20	2	40	0	0	356	8	40	20	40	0	356	18	15	50	27	8	346
C. two or three times each month	31	3	16	14	74	2	11	0	0	353	31	16	74	11	0	353	28	21	53	21	4	350
D. never or almost never	58	5	14	21	58	6	17	4	11	348	58	14	58	17	11	348	47	17	50	25	7	347
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	25	0	0	10	63	5	31	1	6	345	25	0	63	31	6	345	16	8	42	36	13	342
B. 30–45 minutes	59	8	22	22	59	5	14	2	5	352	59	22	59	14	5	352	30	14	53	26	7	347
C. 45–60 minutes	10	2	33	4	67	0	0	0	0	357	10	33	67	0	0	357	32	22	51	22	5	350
D. more than 60 minutes	6	0	0	1	25	2	50	1	25	339	6	0	25	50	25	339	22	20	49	23	7	349
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											